

FIGURE 1

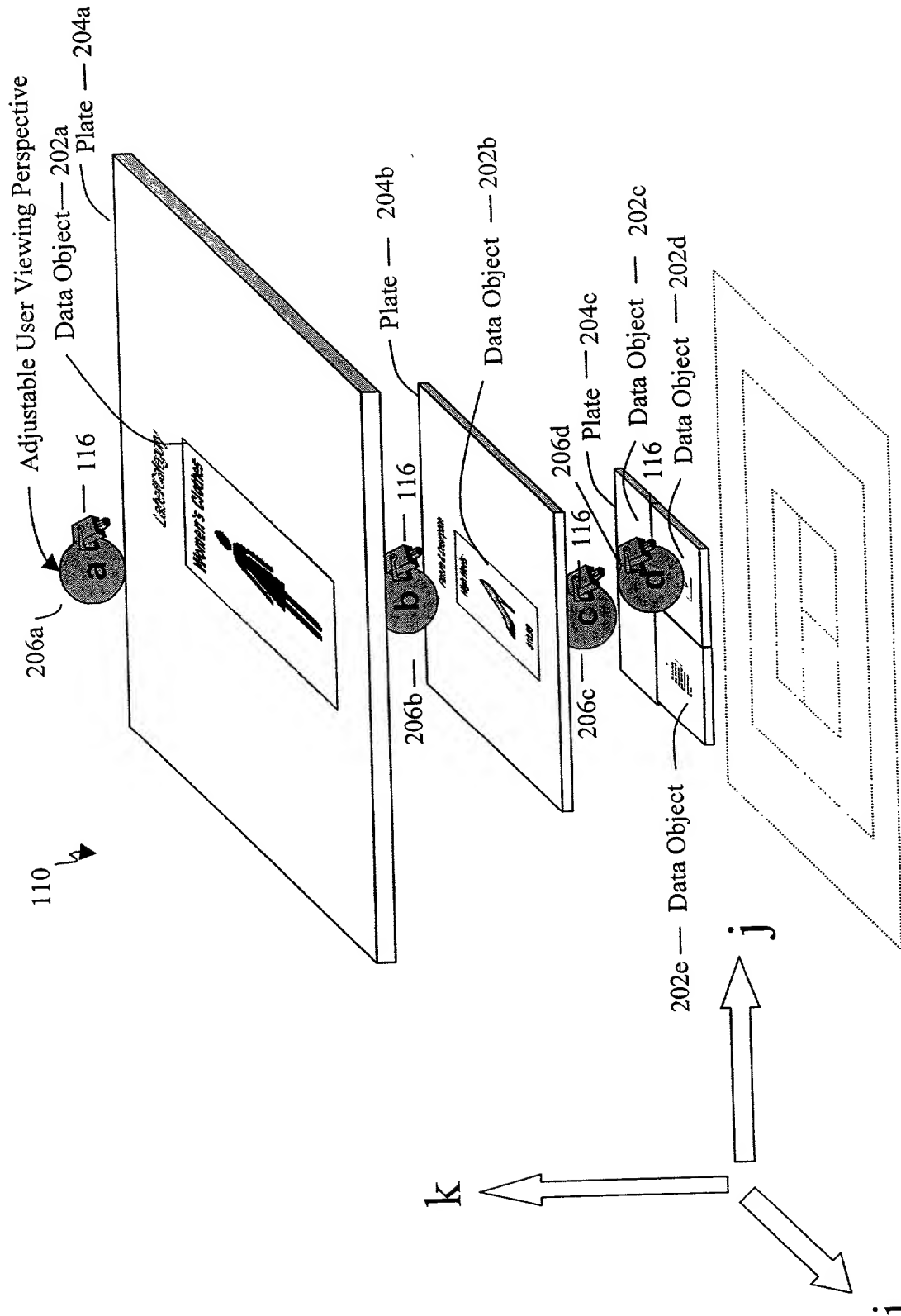


FIGURE 2

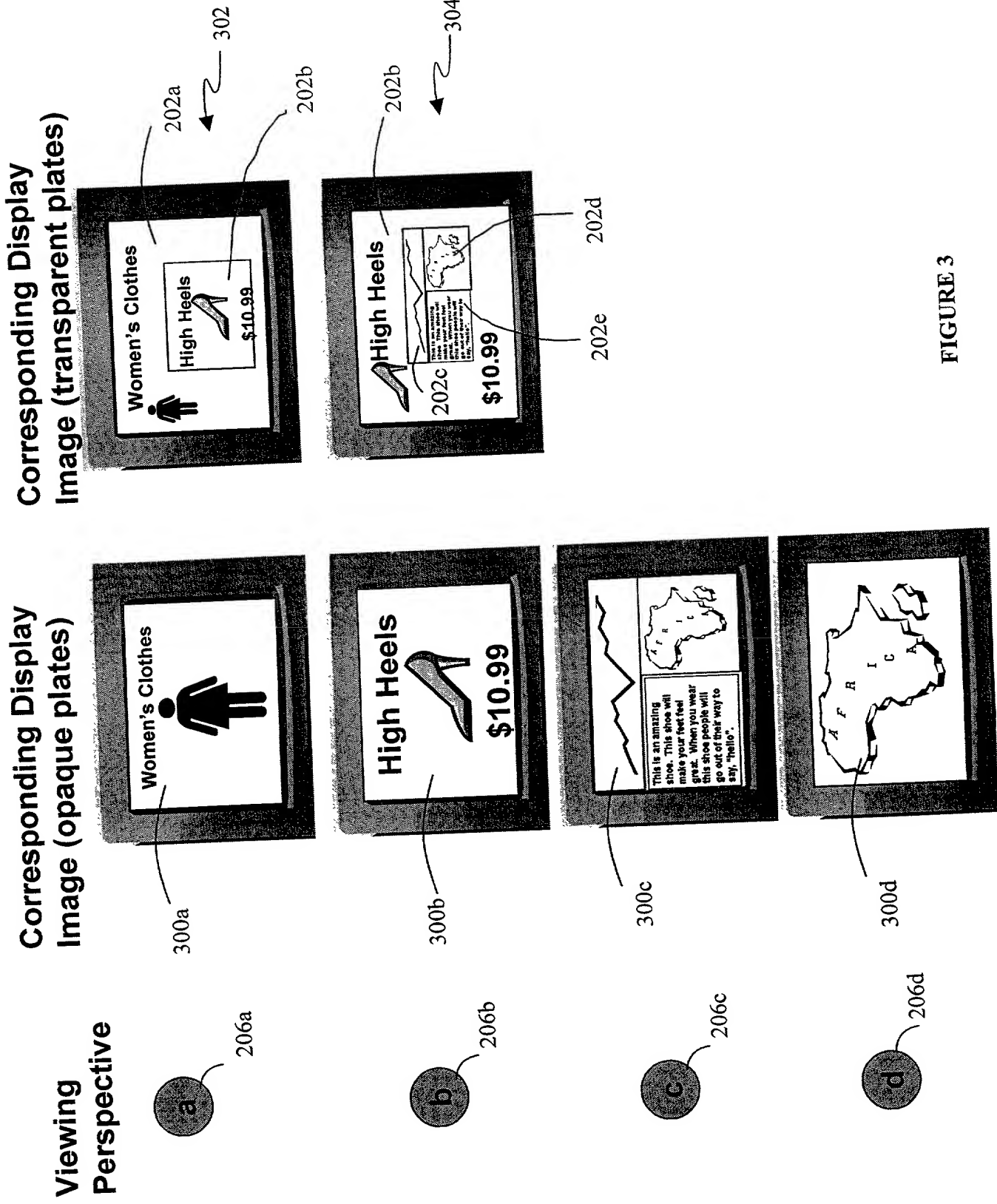


FIGURE 3

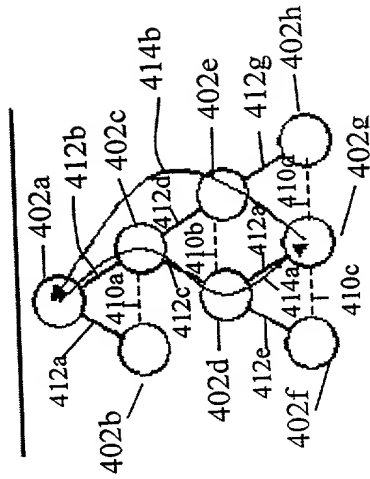
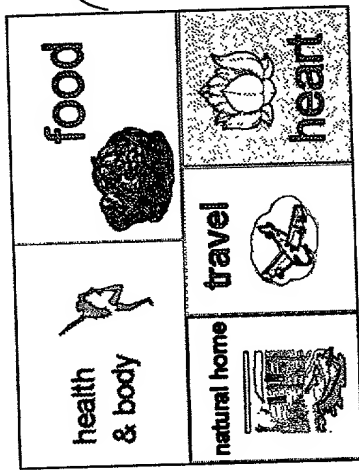


FIGURE 4C

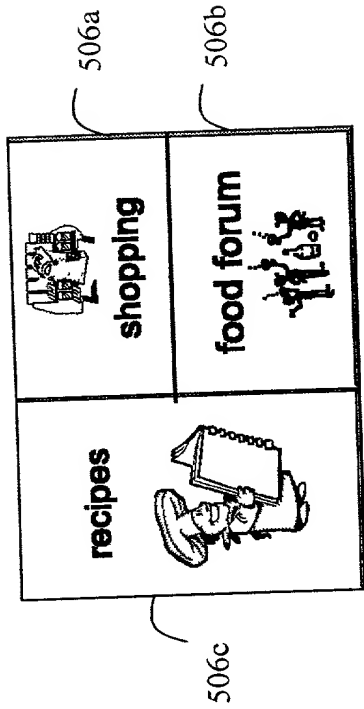


508



508a

506

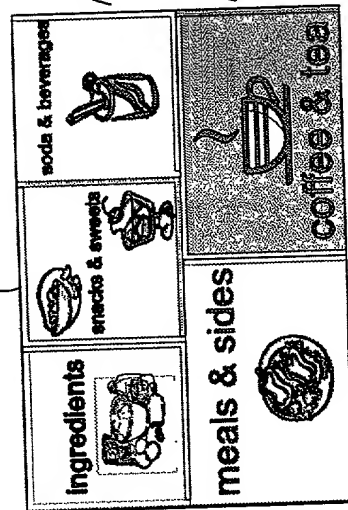


506c

506a

506b

504

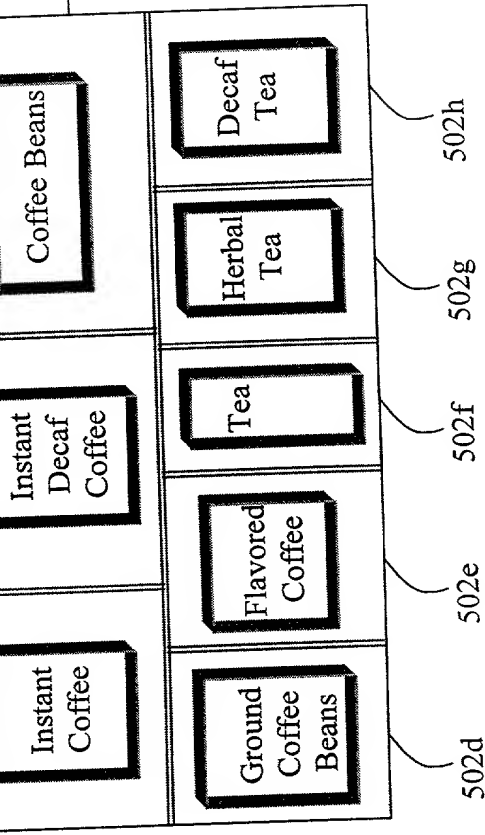


504c

504b

504a

504d



502c

502b

502a

502h

502g

502f

502e

502d

FIGURE 5

601

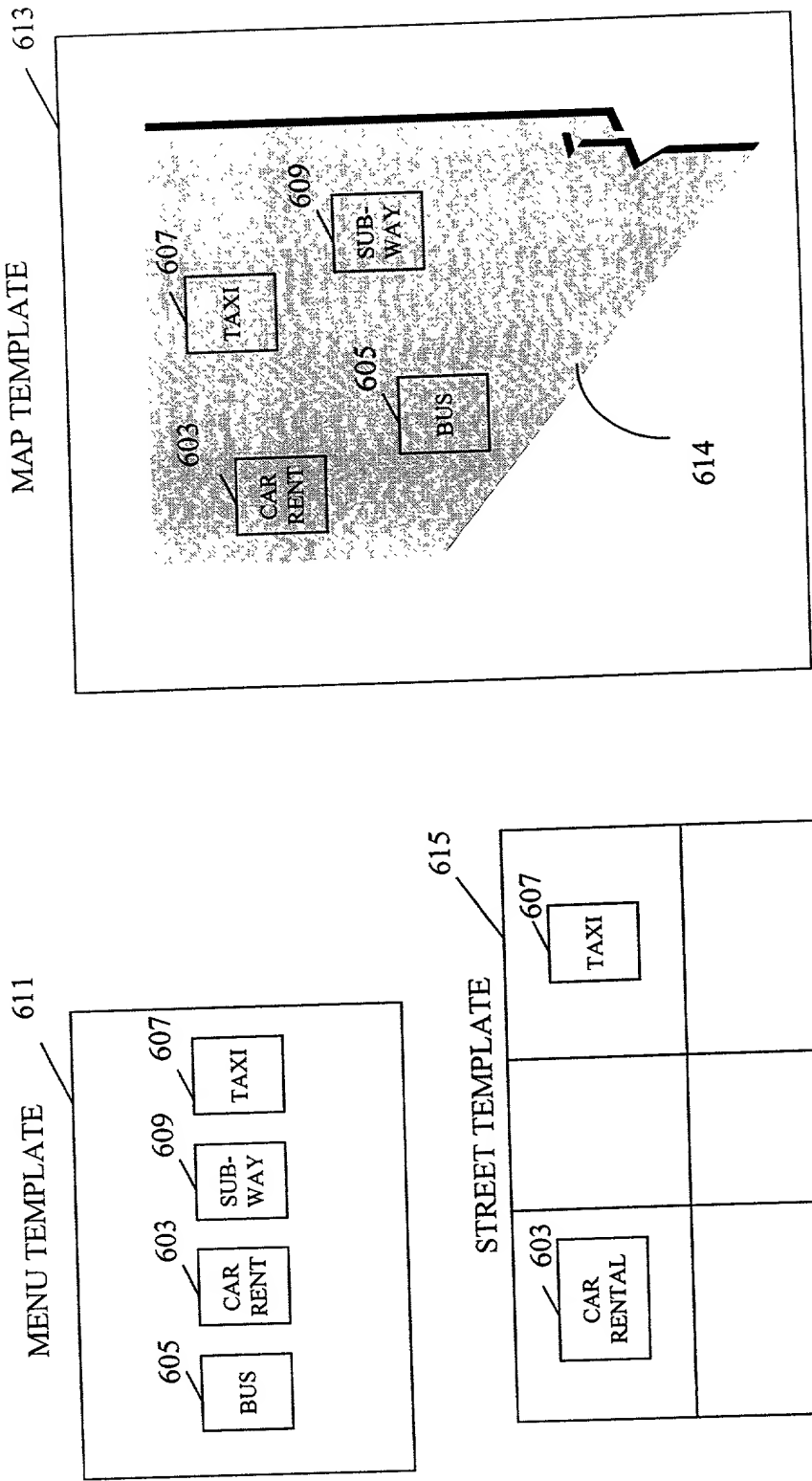


FIGURE 6

600

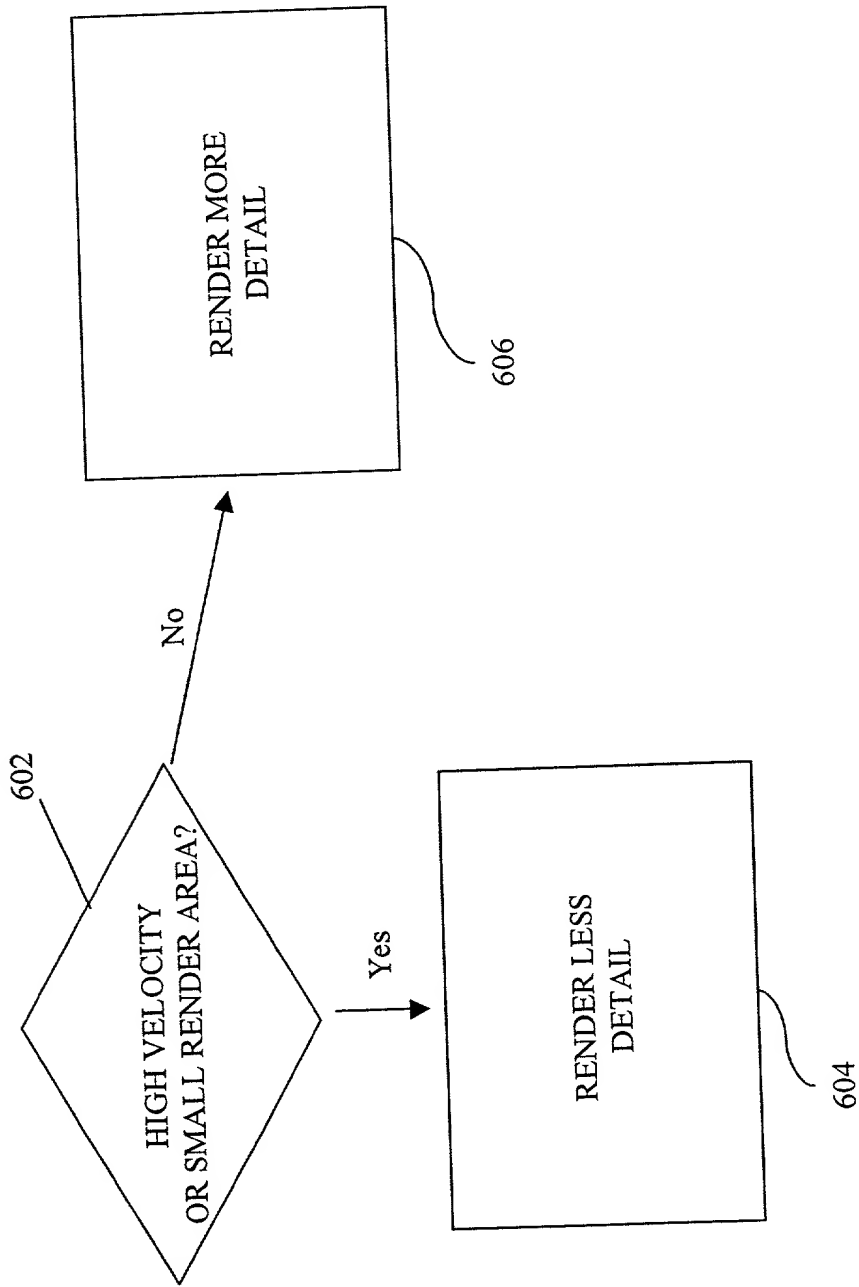


FIGURE 7

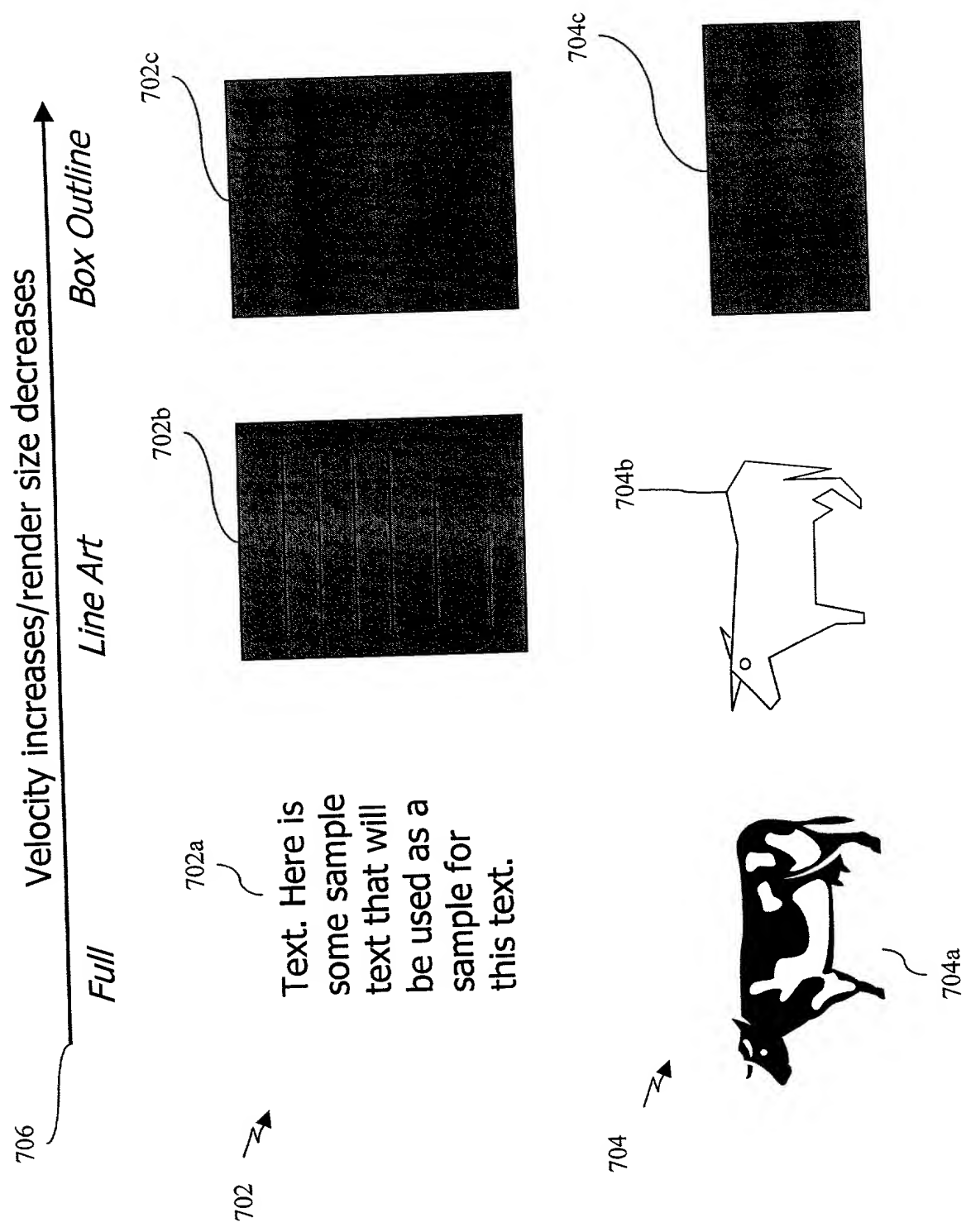


FIGURE 8

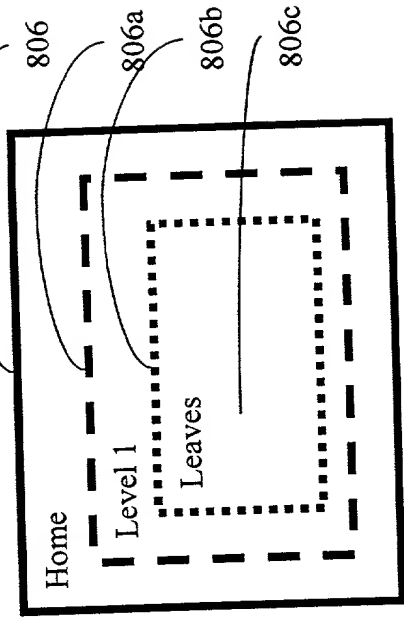
800

Text BreadCrumb Bar

home. level1. level2. Leaves

802

Nested Windows Act as Bread Crumb Bar



Text and Images Bread Crumb Bar

home. level1. level2. Leaves

804

Series of Boxes

808

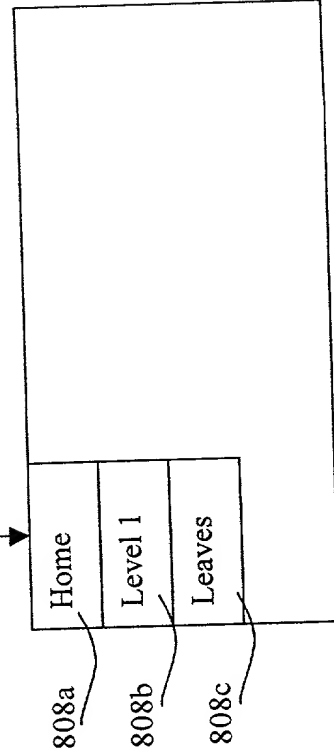


FIGURE 9

900

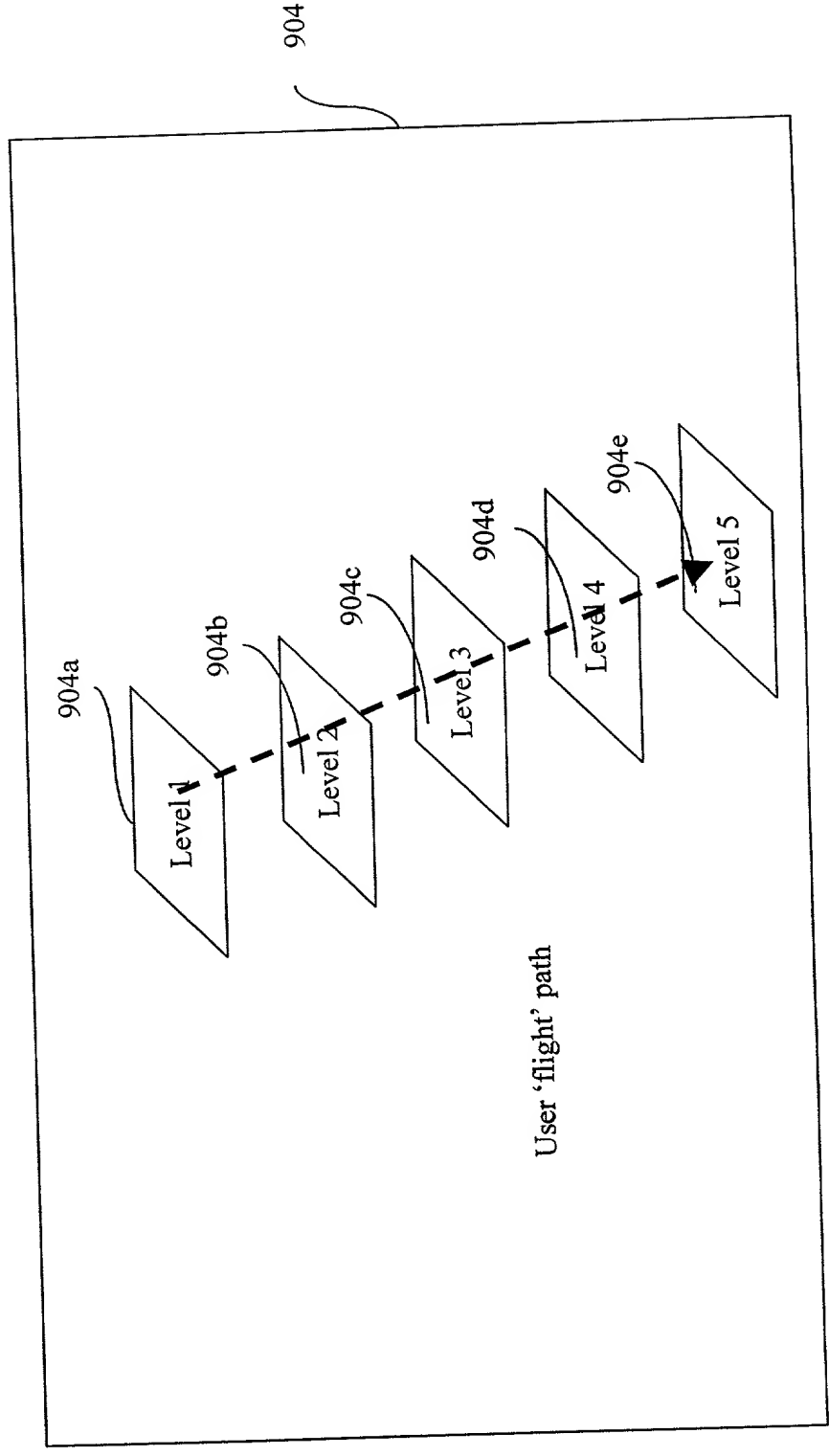
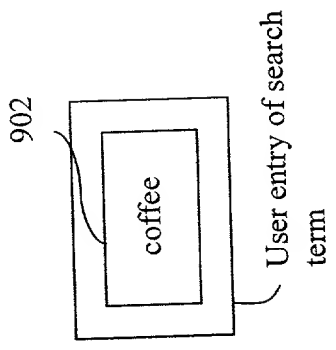


FIGURE 10A

908

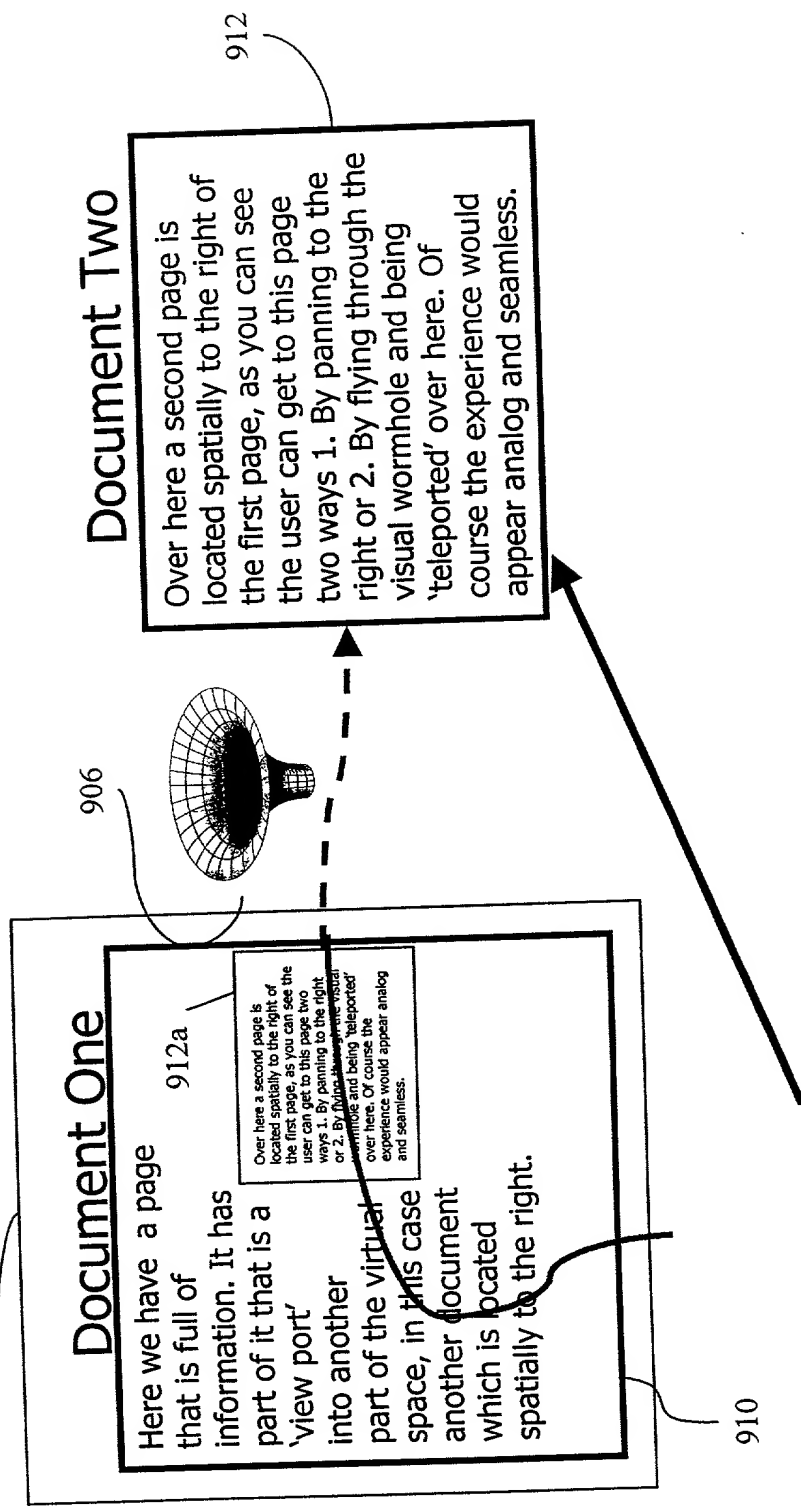


FIGURE 10B

1100

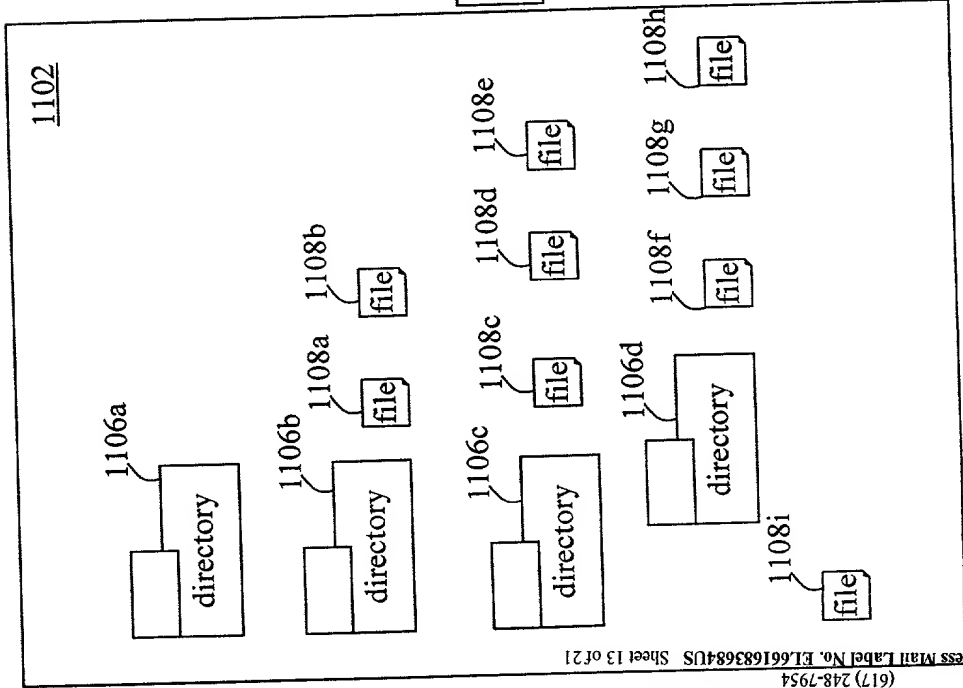
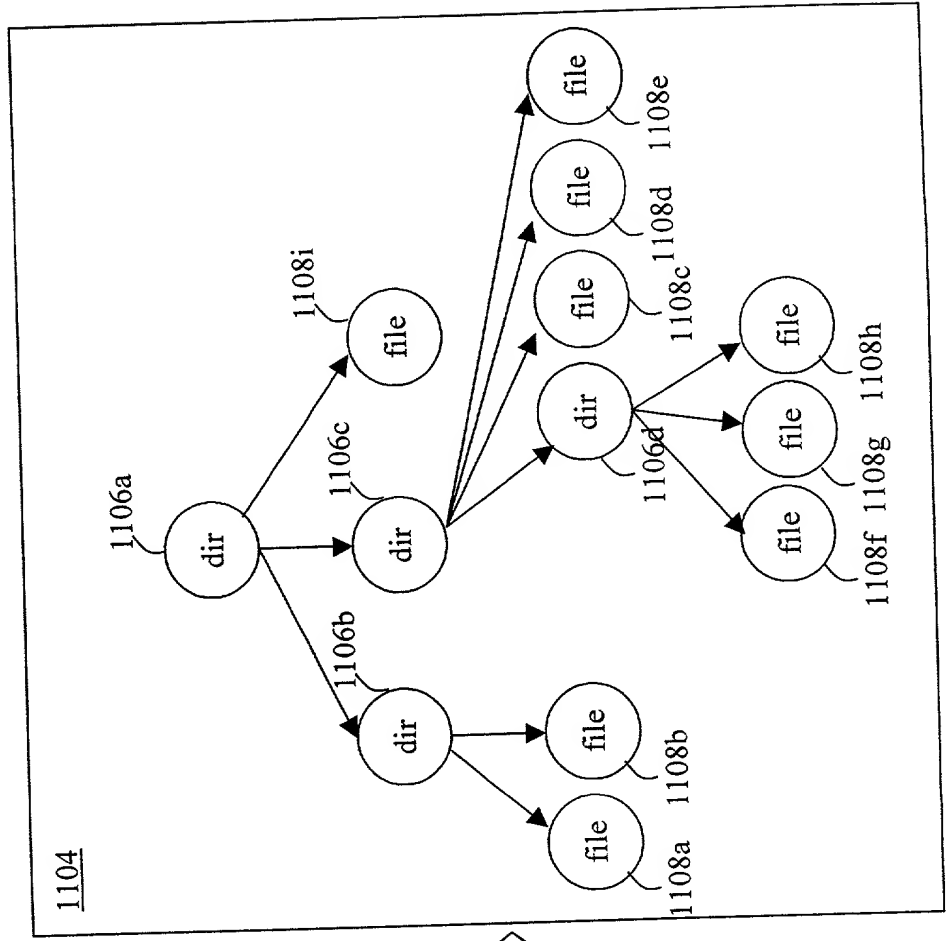


FIGURE 12

1200

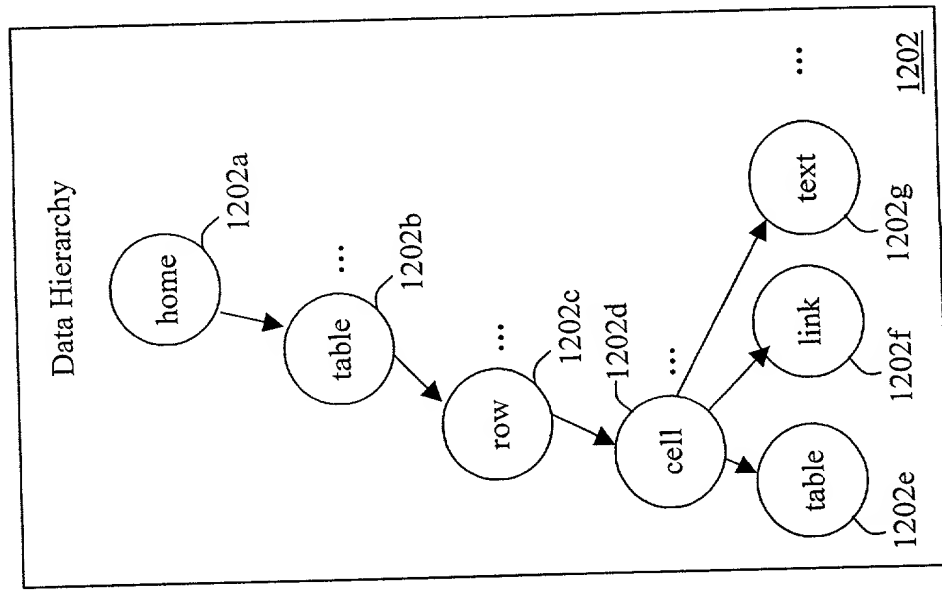
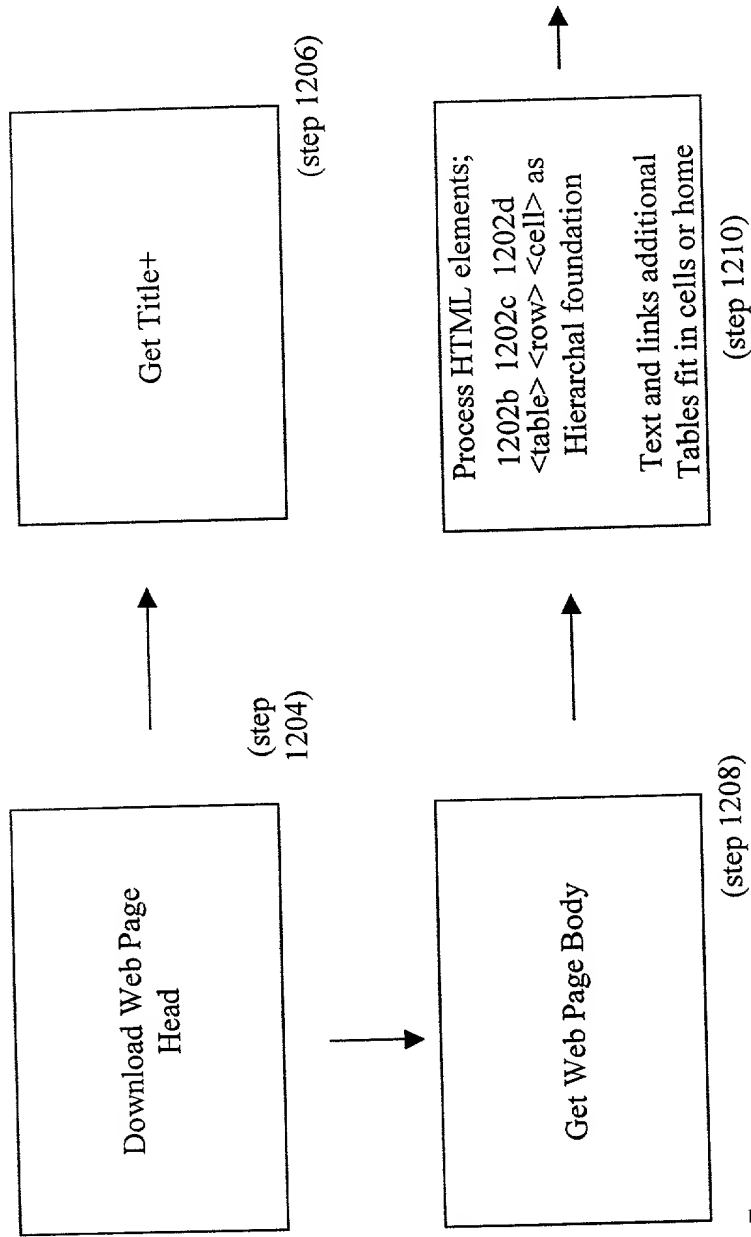
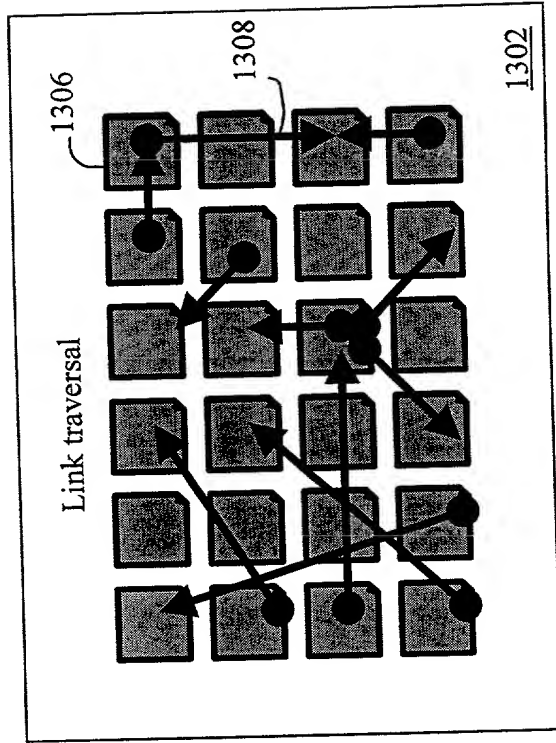


FIGURE 13



1300

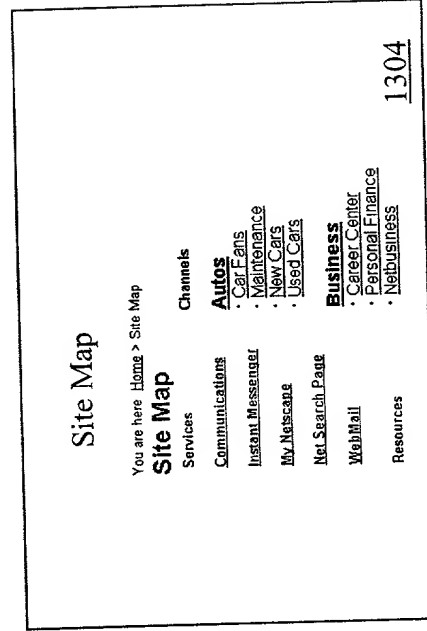


FIGURE 14

1400

Extracted Content (XML Data Structure)

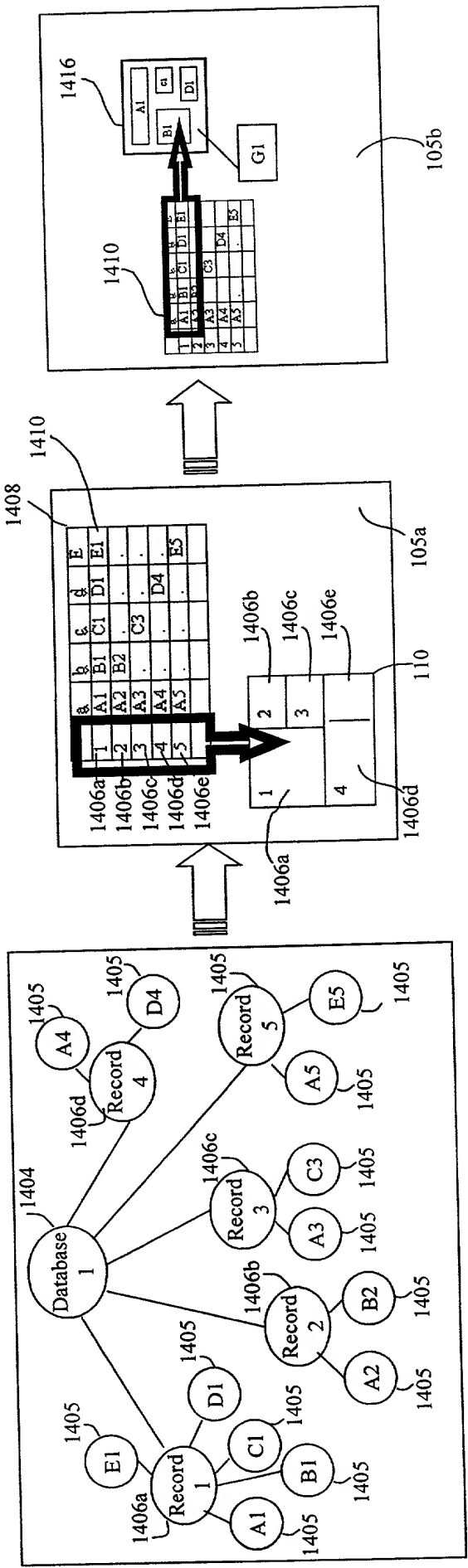
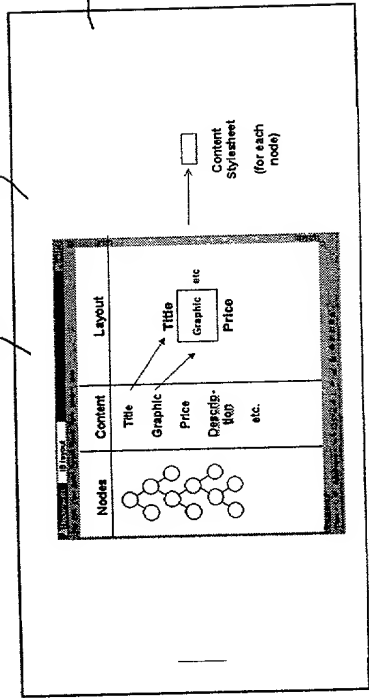


FIGURE 15



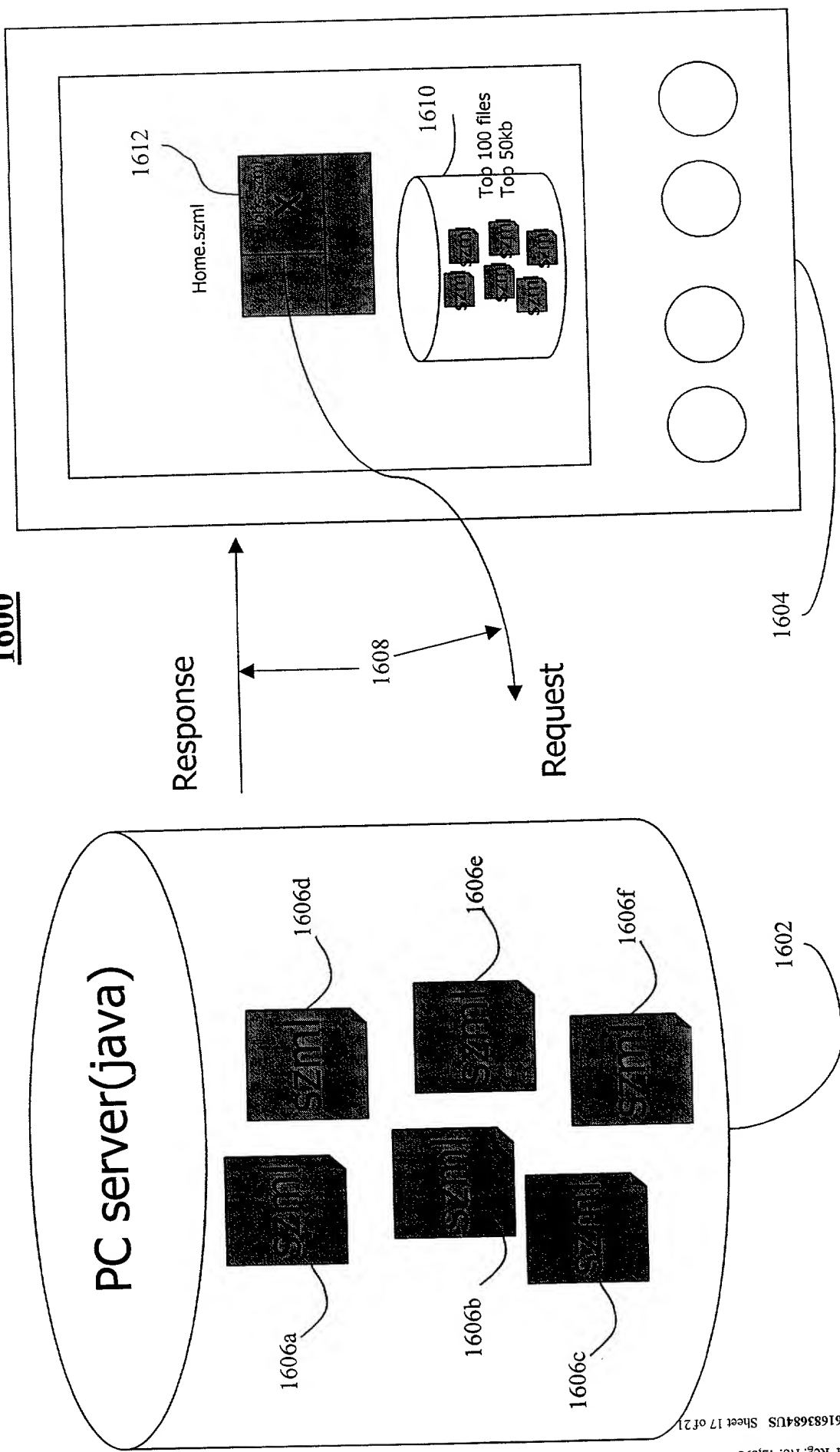


FIGURE 16

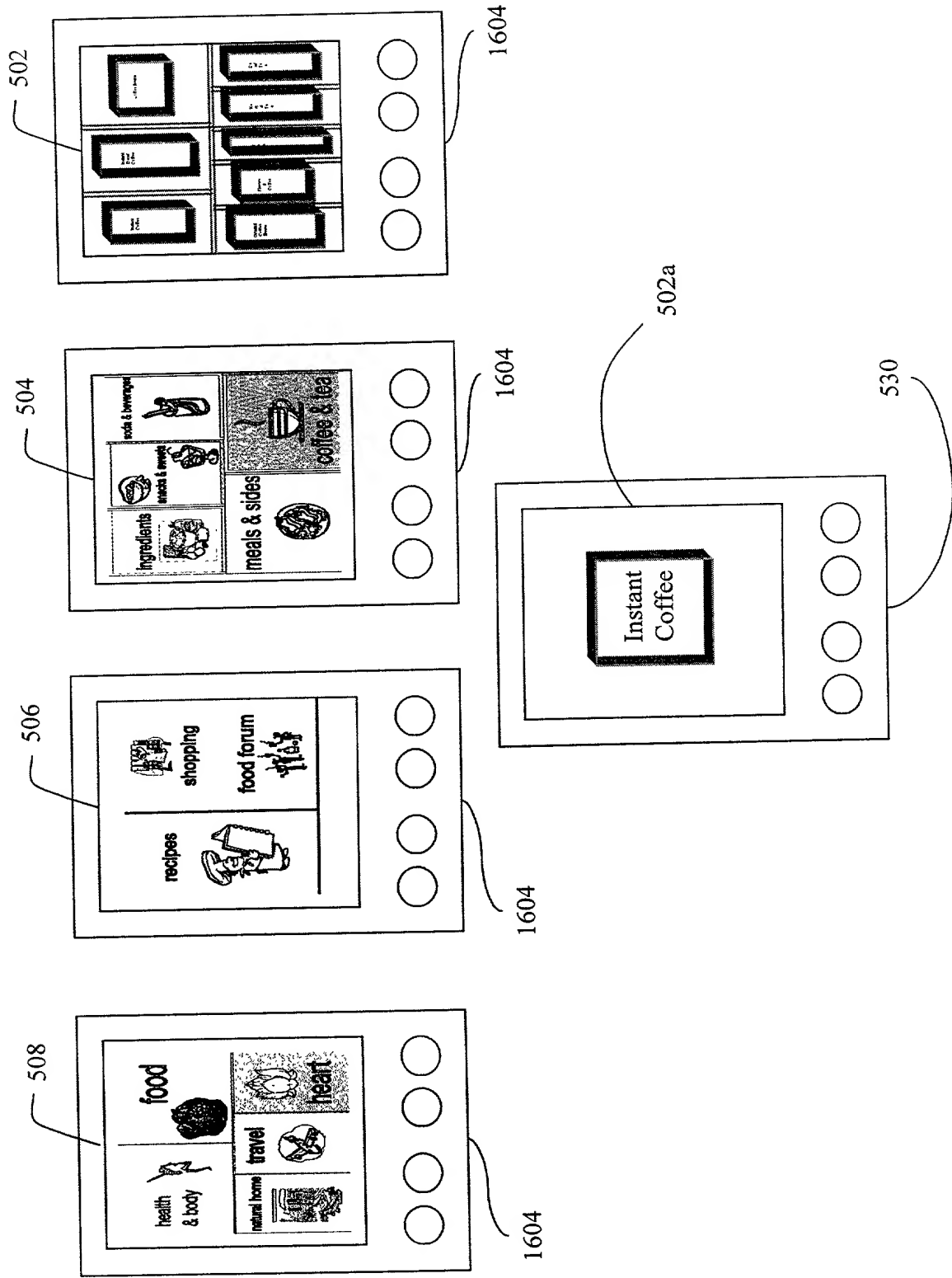


FIGURE 17

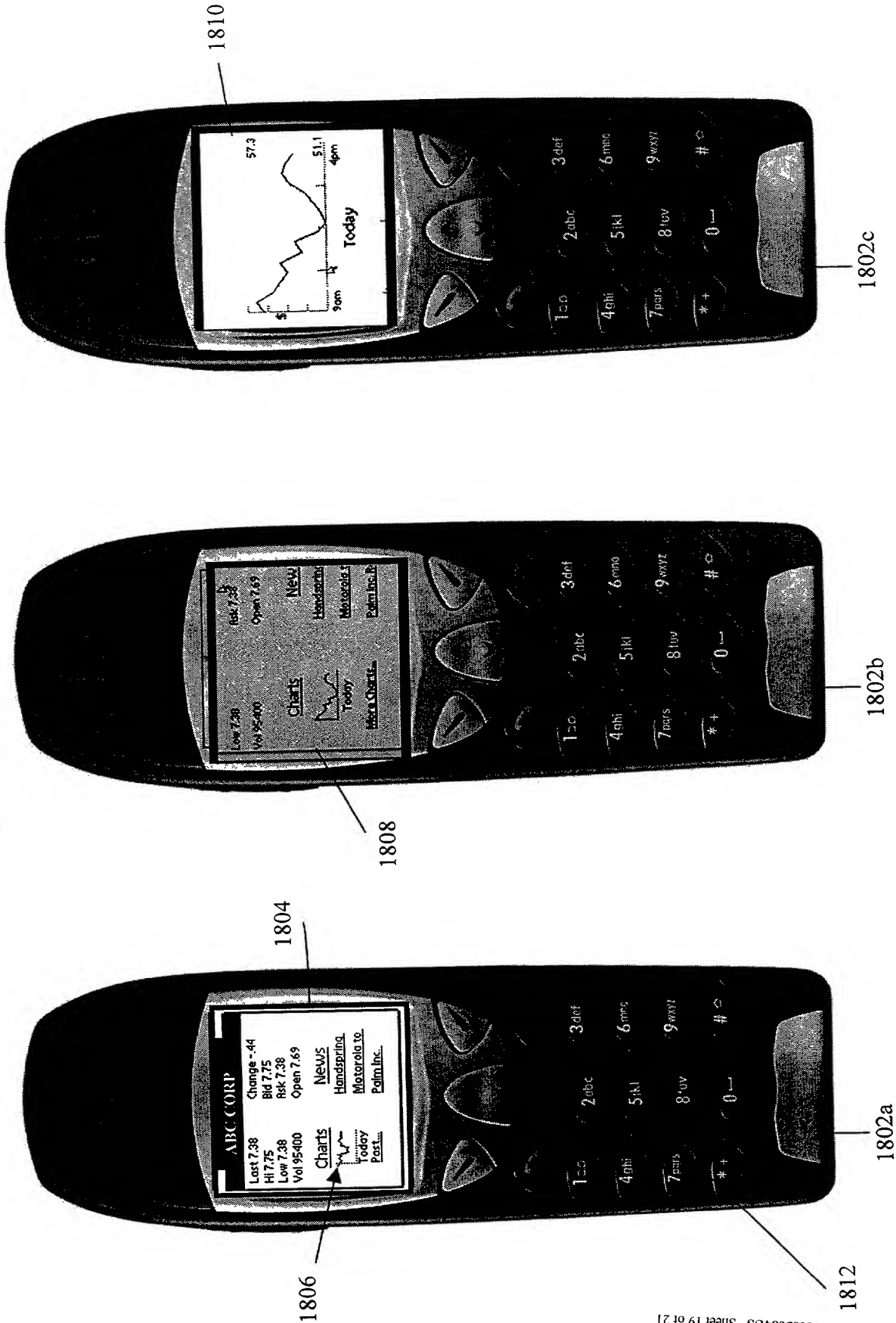
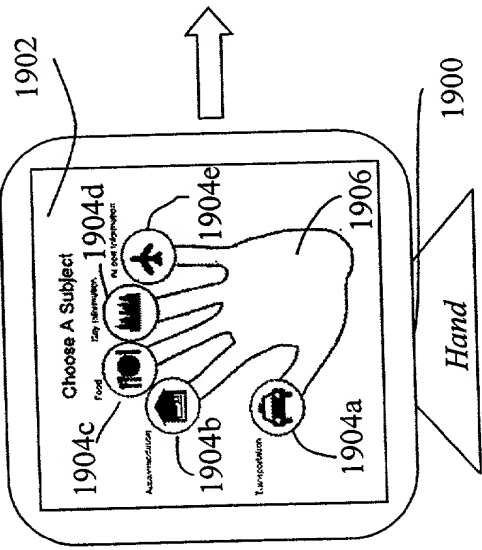
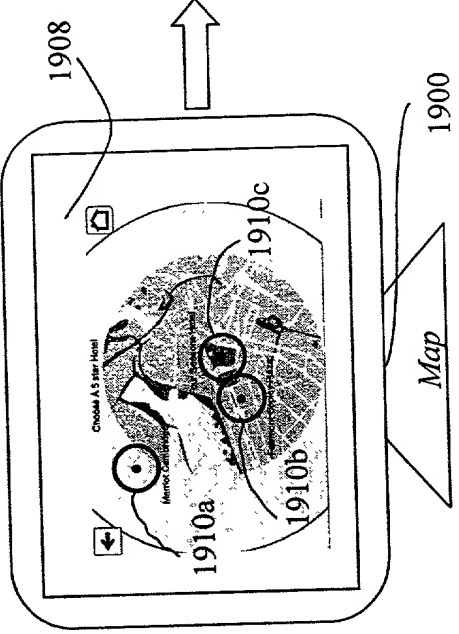


FIGURE 18

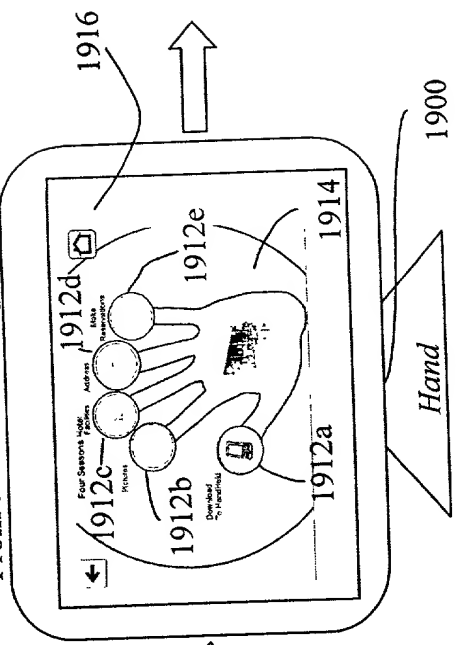
1. User Chooses "Accommodations"
 From a 'Hand' of 5 options



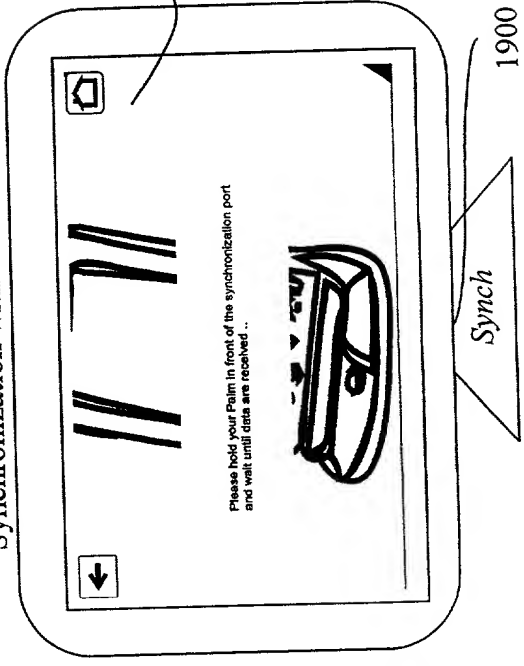
2. User Chooses A Hotel
 Located on a map of Boston



3. User Chooses "Download To HandHeld"
 From a 'Hand' of 5 options



• Kiosk displays status message during
 Synchronization with Hand Held



5. Information Is Transferred to Handheld

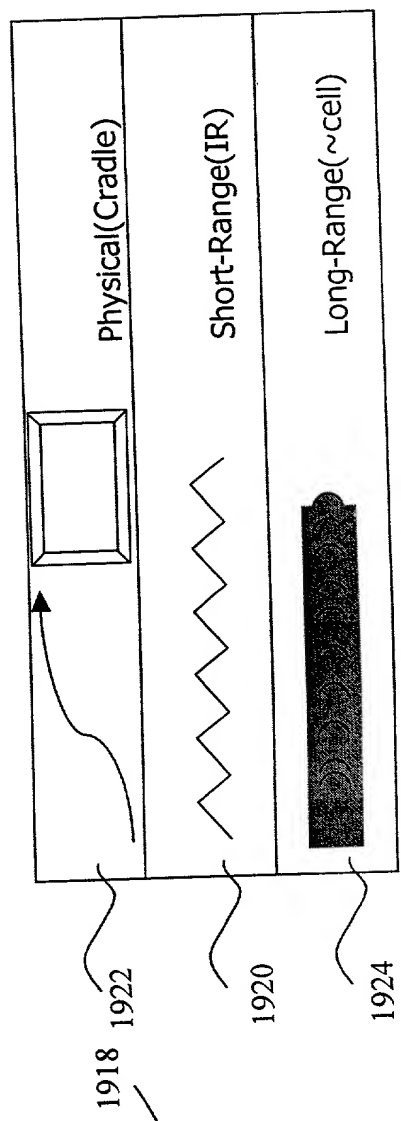
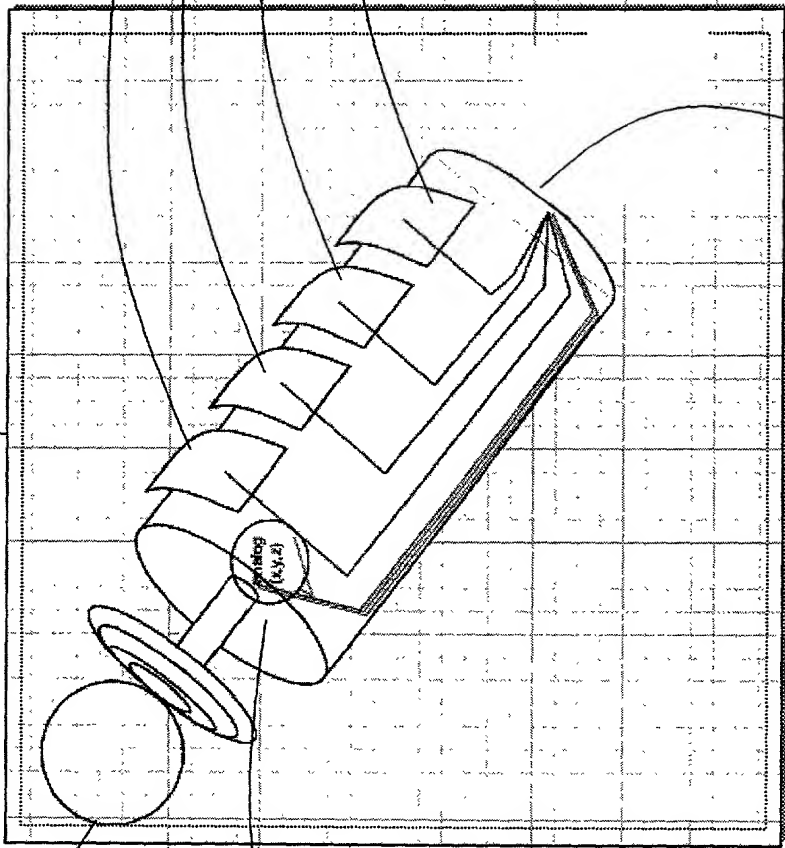


FIGURE 19

2000



2004

2002

2006

2008

2010

2012

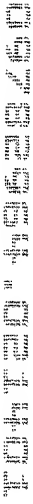
2014

FIGURE 20



Oath/Declaration, Small Entity, and Power of Attorney

8



DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN	
<input checked="" type="checkbox"/> Declaration Submitted with Filing (surcharge) 37 CFR 1.16(e) required	
PATENT APPLICATION	
Attorney Docket No.	GPH-003G
First Named Inventor	Orbanes
COMPLETE IF KNOWN	
Application Serial Number	Not yet assigned
Filing Date	Herein
Group Art Unit	Not yet assigned
Examiner Name	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND APPARATUS FOR ORGANIZING HIERARCHICAL SCREENS IN VIRTUAL SPACE

(Title of the Invention)

the specification of which

☒ is attached hereto
OR
☐ was filed on (MM/DD/YYYY)

Application Number [] and was amended on (MM/DD/YYYY) [] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application (Number(s))	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached? YES NO
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)
60/182,326	2/14/2000
60/182,368	2/14/2000
60/240,287	10/13/2000
Not yet assigned, Attorney Docket Number GPH-003PR2	11/16/2000

☐ Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.

DECLARATION – Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), or any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number ☐ Registered practitioner(s) name/registration number listed below

OR

☐ Place Customer Number Bar Code Label Here

Name	Registration Number	Name	Registration Number
Michael J. Bastian	P-47,411	Kurt W. Lockwood	40,704
Steven M. Bauer	31,481	Thomas C. Meyers	36,989
Elias C. Behrakis	P-47,416	Joseph B. Milstein	42,897
John V. Bianco	36,748	David G. Miranda	42,898
Isabelle A.S. Blundell	43,321	Ronda P. Moore	44,244
Maureen A. Bresnahan	44,559	Indranil Mukerji	P-46,944
Michael H. Brodowski	41,640	Edmund R. Pletcher	27,829
Jennifer A. Camacho	43,526	Michael A. Rodriguez	41,274
Joseph A. Capraro, Jr.	36,471	Jamie H. Rose	45,054
John J. Cotter	38,116	R. Stephen Rosenholm	45,283
John V. Forcier	42,545	Christopher W. Stamos	35,370
Steven J. Frank	33,497	Diana M. Steel	43,153
Kia L. Freeman	P-47,577	Joseph P. Sullivan	45,349
Brian M. Gaff	44,691	Robert J. Tosti	35,393
Michael J. Giannetta	42,574	Thomas A. Turano	35,722
Duncan A. Greenhalgh	38,678	Michael J. Twomey	38,349
William G. Guerin	41,047	Christine C. Vito	39,061
Jonathan A. Harris	44,744	Patrick R.H. Waller	41,418
Ira V. Heffan	41,059	Daniel A. Wilson	45,508
Danielle L. Herritt	43,670	Gerald E. Worth	45,238
Douglas J. Kline	35,574	Yin P. Zhang	44,372
John D. Lanza	40,060		

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:

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Testa, Hurwitz & Thibault, LLP
High Street Tower
125 High Street
Boston, MA 02110
Tel. No.: (617) 248-7000
Fax No.: (617) 248-7100

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Julian										Given Name (first and middle [if any])									
Orbanes										Family Name or Surname									
Inventor's Signature										Date February 14, 2003									
Residence										City Cambridge									
Mailing Address										52 Trowbridge Street									
Mailing Address (In. 2)										City Cambridge									
State										MA									
ZIP										02139									
Country										USA									
<input type="checkbox"/> Additional inventors are being named on the supplemental Additional Inventor(s) sheet(s) attached hereto.																			
Name of Additional Joint Inventor, if any:										<input type="checkbox"/> A petition has been filed for this unsigned inventor									
Given Name (first and middle [if any])										Family Name or Surname									
Adriana										Guzman									
Inventor's Signature										Date February 14, 2001									
Residence										City Cambridge									
Mailing Address										305 Memorial Drive									
Mailing Address (In. 2)										City Cambridge									
State										MA									
ZIP										02139									
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Citizenship										USA									
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Citizenship										USA									
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Adriana										Guzman									
Inventor's Signature										Date February 14, 2001									
Residence										City Cambridge									
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Adriana										Guzman									
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Adriana										Guzman									
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